II. Get Info

A. What is a hurricane?

- Click on the "Hurricane Definition" site.
- Scroll down to the "Defining a Hurricane" blue hot text and click it.
- Read the information and answer the following questions.

1. What is a hurricane?

_____

_____

_____

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B. Intensity

The Saffir-Simpson scale is used to classify hurricanes based on sustained (long lasting) wind speed. Hurricanes are classified in this way because it is the most accurate method of describing a storm that affects such a large area.

- Scroll down to the Saffir-Simpson Scale. Read the site and fill in the chart below.

1. Fill in the Saffir-Simpson scale of hurricane intensities.

Category	Winds MPH	Damage	Examples
1			
2			
3			
4			
5			

C. Storm Structure

- Scroll down and read the storm structure section.

1. What three things must occur for a hurricane to get stronger?

a) _____

_____

b) _____

_____

c) _____

_____

D. Hurricane Season

- Scroll down to and read the "Breeding Grounds" section.

1. In what time of year do most hurricanes form?

_____

_____

2. Where do hurricanes form?

_____

_____

E. Storm Tide

- Scroll down to and read the storm fury and storm tide sections.

1. Explain what storm tide is and how it occurs.

_____

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_____

- Scroll down to the "Storm Surge and Hurricane Safety" section.

2. Describe the effects of storm tide on coastal areas during a hurricane.

_____

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_____

F. Size of Hurricanes

- Scroll down to the "Hurricanes" section.

1. Describe a hurricane in terms of land area covered and forward speed.

_____

_____

_____

_____

_____

2. Why does a hurricane die out?

_____

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_____

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_____

- Click the "Back" button at the top of the screen in your web browser until you get back to the OAR Hurricanes site.